

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,023,615 B1

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APPLICATION NO. : 10/763297

DATED : April 4, 2006

INVENTOR(S) : Che ram Souza Voigt et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

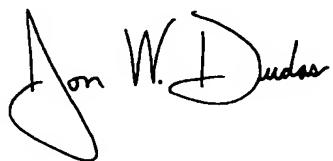
The title page should be deleted and substitute therefore the attached title page.

Drawings:

Delete Drawing Sheets 1-7, and substitute therefore the Drawing Sheets, consisting of Figs. 1-7, as shown on the attached pages.

Signed and Sealed this

Fifth Day of December, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Voigt et al.

(10) Patent No.: **US 7,023,615 B1**
(45) Date of Patent: **Apr. 4, 2006**

(54) **STRUCTURE FOR SUPPORTING AN OPTICAL TELESCOPE**

(76) Inventors: Che Ram Souza Voigt, 505 Divisadero St. #B2, San Francisco, CA (US) 94117; Allan Alfred Voigt, 400 Breezewood Dr., Geyserville, CA (US) 95441; John Mark Speicher, 133 Rossi, Geyserville, CA (US) 95441; Chet Alister Johnston, 536 Spencer Ave., Santa Rosa, CA (US) 95404

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 45 days.

(21) Appl. No.: 10/763,297

(22) Filed: Jan. 21, 2004

(51) Int. Cl.
G02B 23/00 (2006.01)

(52) U.S. Cl. 359/399; 359/423

(58) Field of Classification Search 359/364-366,
359/399, 405, 406, 430, 871-879

See application file for complete search history.

(56) **References Cited**
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* cited by examiner

Primary Examiner—Drew A. Dunn

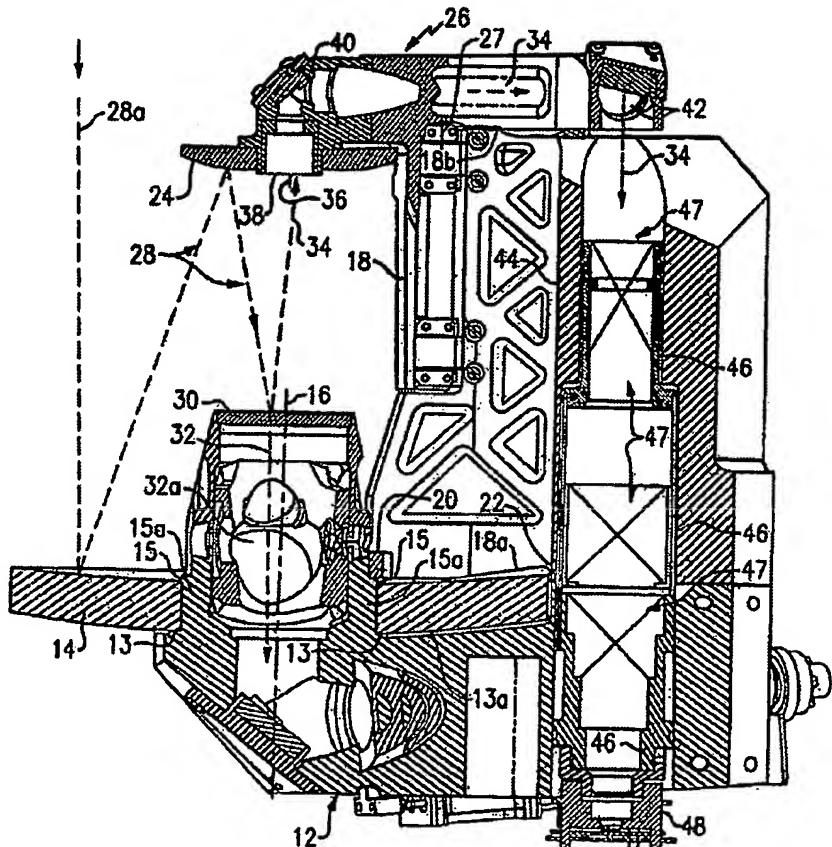
Assistant Examiner—Joshua L Pritchett

(74) Attorney, Agent, or Firm—Risto A. Rinna, Jr.

(57) **ABSTRACT**

An apparatus for the focusing of incident light includes a base assembly that is adapted to support a primary mirror. The primary mirror includes an outside circumference and an inside aperture. An upright member is attached to the base assembly at a first end thereof at a first location that is disposed inside the aperture and at a second location that is disposed outside the primary mirror. The upright member includes a second end that is distally disposed with respect to the first end. The second end is adapted to receive a turret that includes a secondary mirror and is adapted to pivot between two positions. An IMU is attached to the base assembly proximate the primary mirror.

38 Claims, 7 Drawing Sheets



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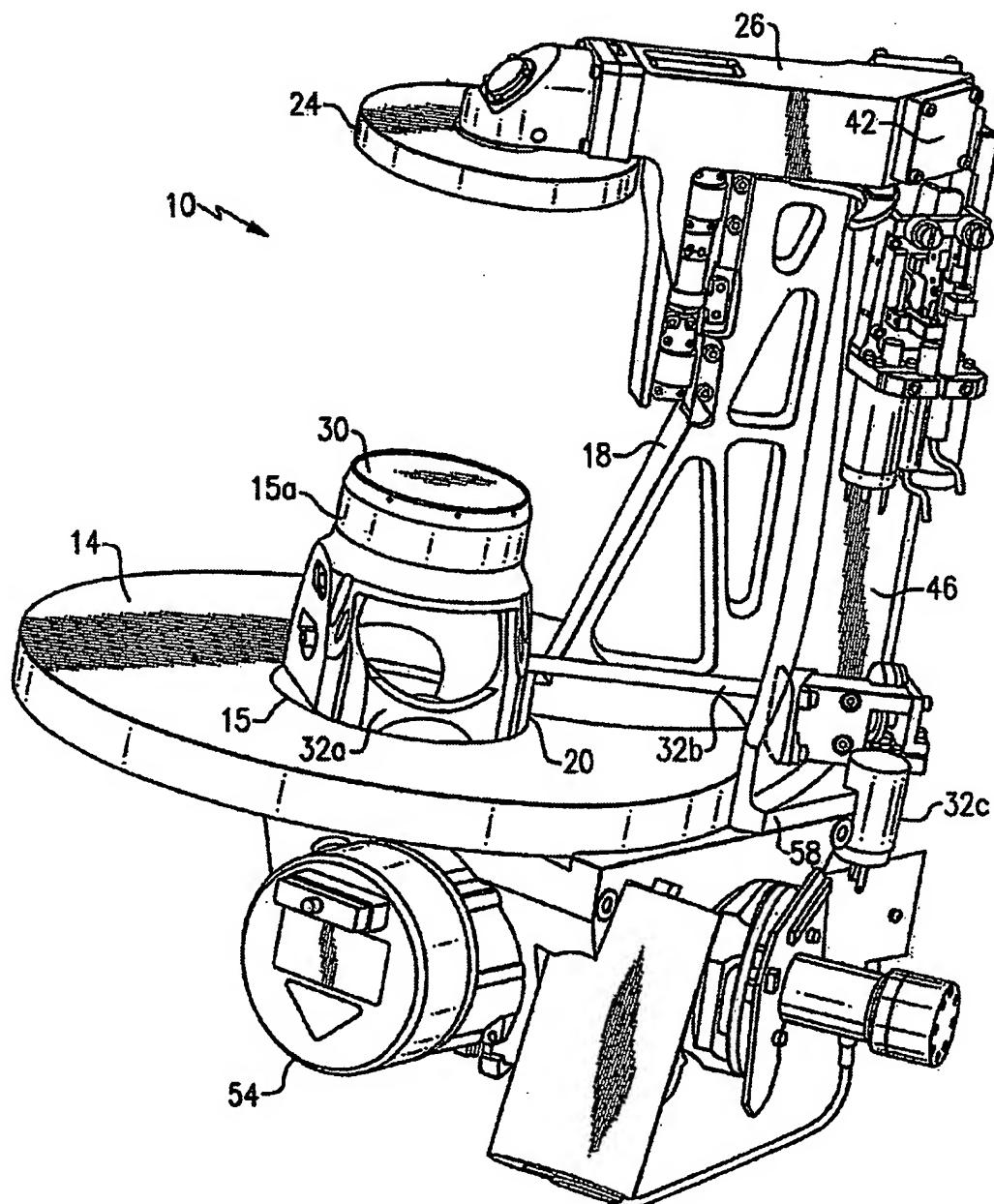


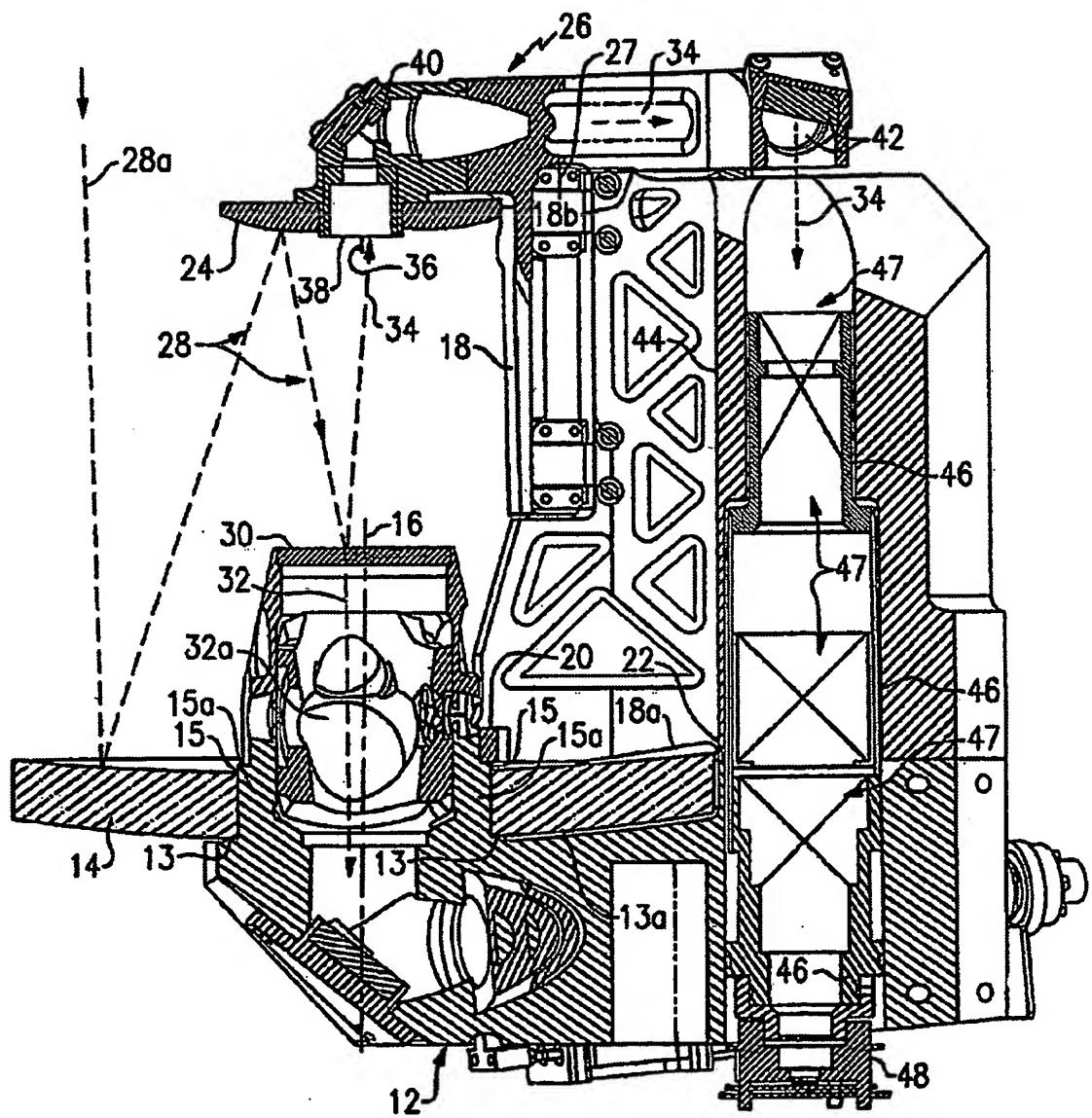
FIG.1

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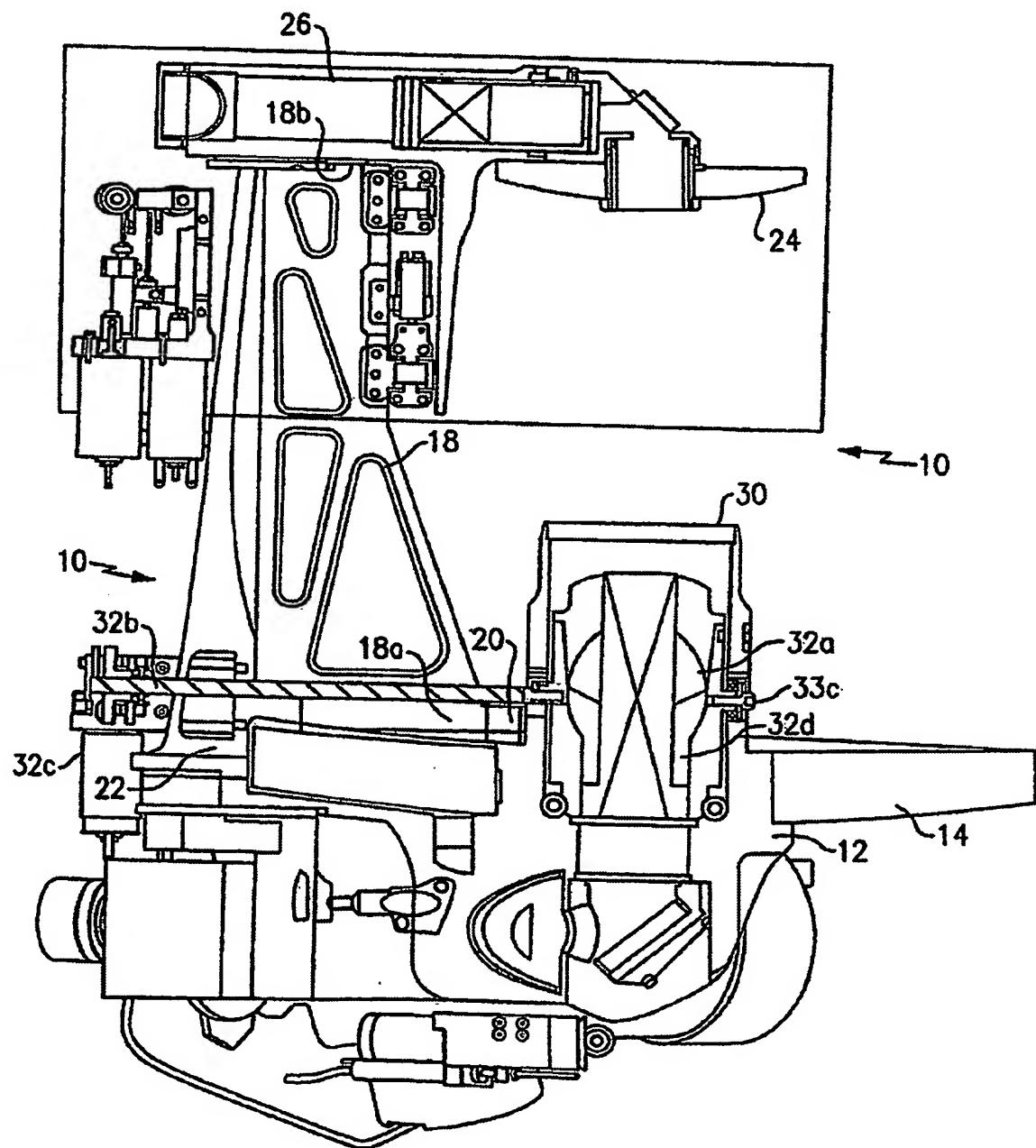
FIG.2

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FIG.3

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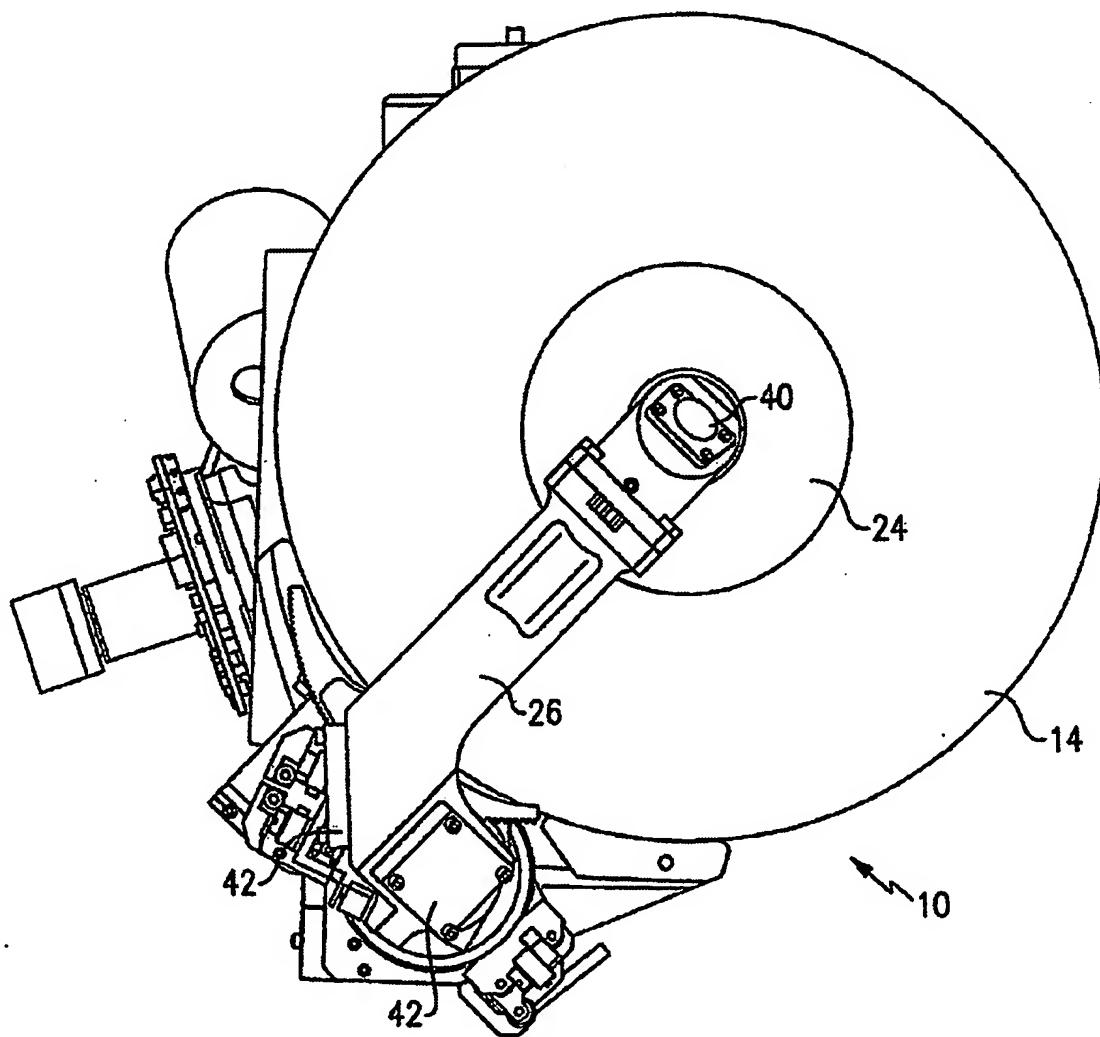


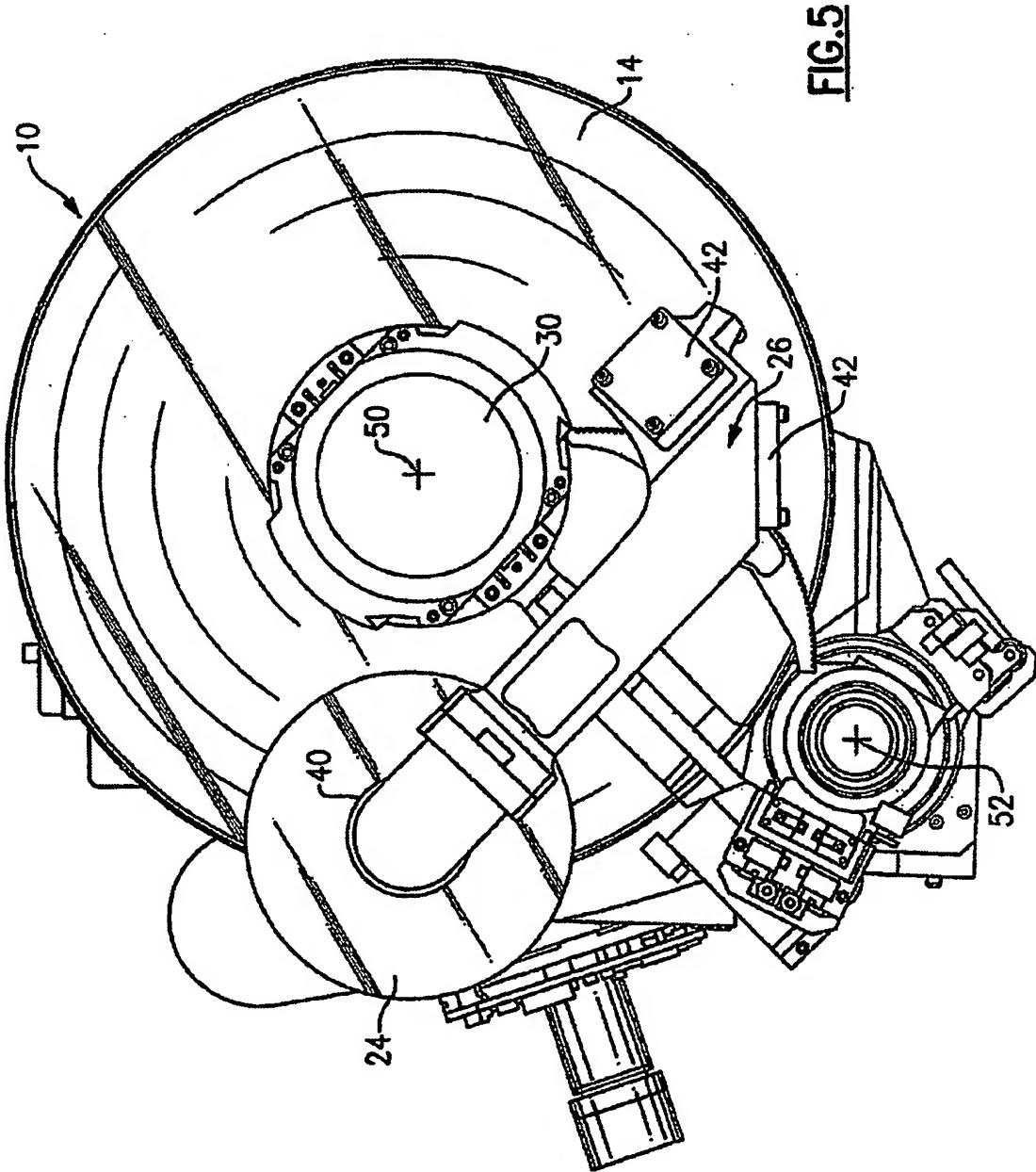
FIG.4

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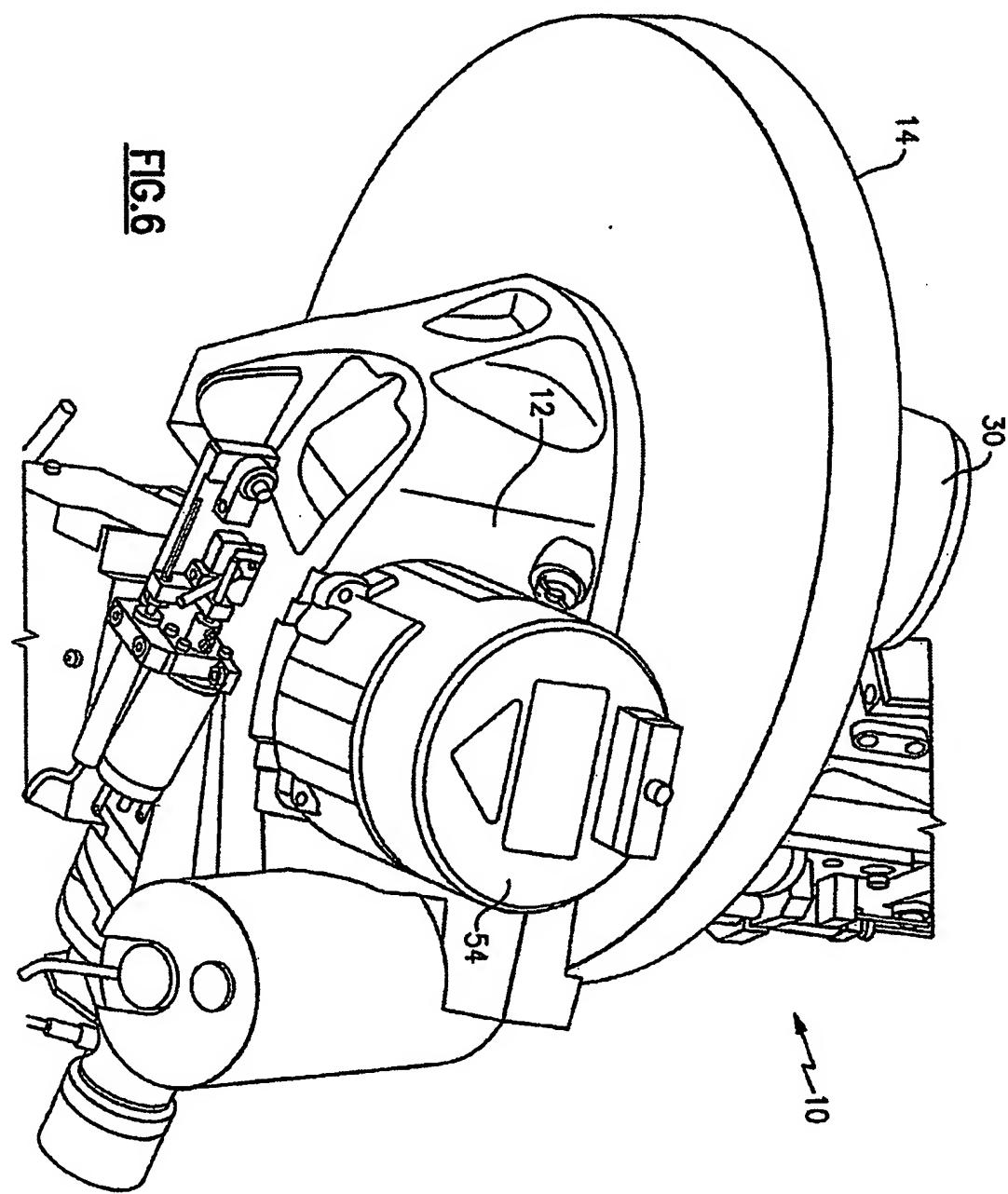


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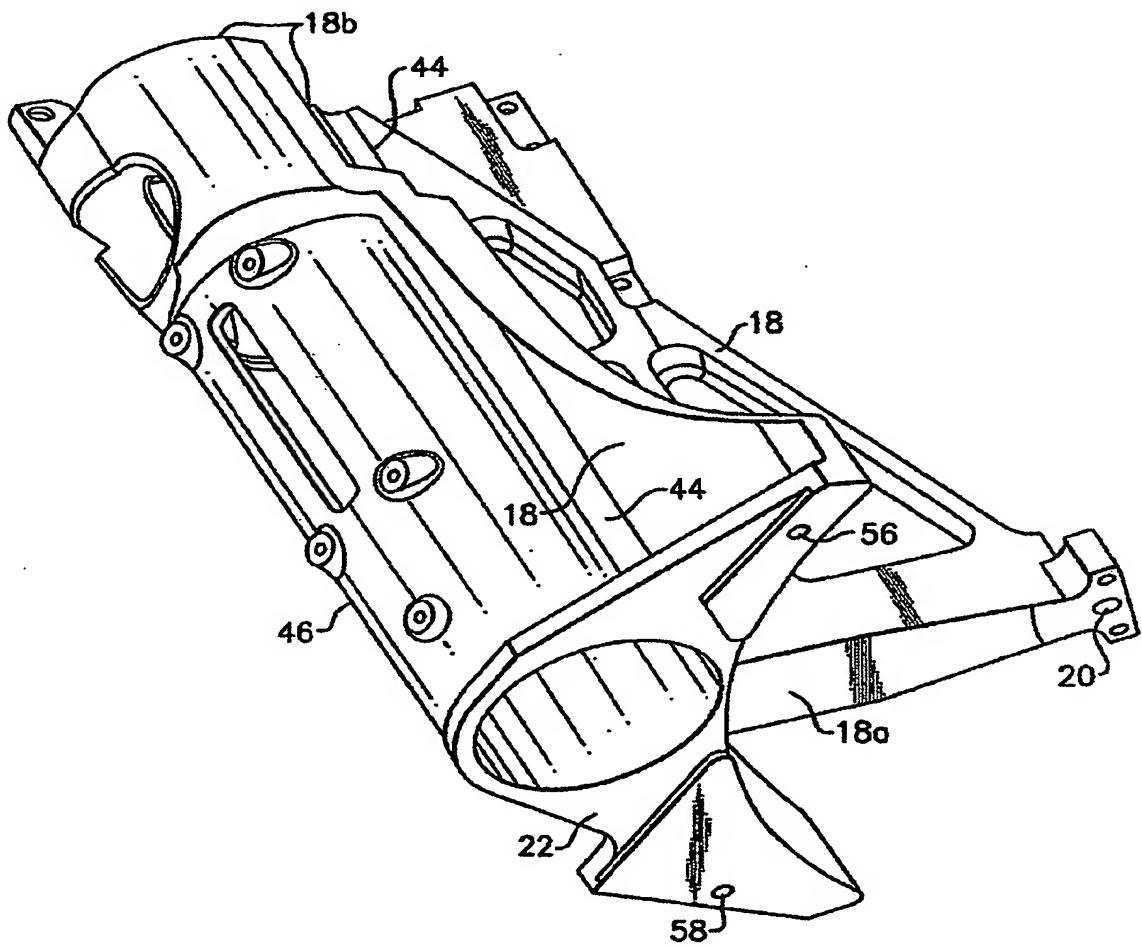


FIG.7